



2003 North Dakota Barley Varieties

July 11, 2003

Highlights

HRobust continues as the number one planted barley variety in North Dakota for 2003. It accounted for 55.3 percent of the 2.1 million acres planted, down from 59.6 percent in 2002. This year was the 18th out of the last 19 years that Robust has topped the Barley variety listing. Lacey remains in second place this year, followed by Conlon which stayed in third. Legacy captured fourth place in 2003. These four barley varieties accounted for 89.1 percent of the planted acres and were again recommended by the American Malting Barley Association (AMBA) for malting and brewing in 2003.

Haybet, Stark, and Bowman were the top feed varieties, and ranked fifth, eighth, and ninth overall, respectively. Together, they comprised 3.4 percent of all barley acres in North Dakota. Stander dropped to a tenth place ranking.

North Dakota continued to rank first in barley planted acreage in the United States, with 38.5 percent of the nation's total. Planted acres in North Dakota were 2.1 million in 2003, up from 1.6 million in 2002. In 2003, there were 5.46 million planted acres in the United States compared to 5.07 million in 2002.

Survey Description

SThe data in this report is based on results of a June survey conducted by USDA's North Dakota Agricultural Statistics Service of over 900 barley producers. **Thank you to each person who supplied data and made this report possible.** Results include acreage and percentages at the State and Agricultural Statistics District levels. The number of summarized reports produce highly reliable state averages. The AMBA and the North Dakota Barley Council provided supporting funds for the survey. The North Dakota State University Extension Service provided variety descriptions.

Malting Varieties

MRobust continued to be planted to the largest number of acres of any other barley variety. In 2003, this popular variety lead by a substantial margin (almost 40 percentage points) over all other varieties. It accounted for 55.3 percent of the total barley acres planted in North Dakota. It was the leading variety in all districts, except the southwest district. As a six-row barley, Robust is characterized by its medium height, medium-strong straw strength, and medium relative maturity.

Lacey remained solidly in second place in 2003. It was planted on 15.5 percent of the total barley acres, a gain over its 13.2 percent in 2002. It made a strong showing in

five eastern districts. Similar to Robust, this six-row barley is characterized by its medium height, strong straw strength, and medium relative maturity.

Conlon maintained its third place position on the list in 2003. This ranking represents 11.8 percent of the total barley acres planted. It was the leading barley variety planted in the southwest district and made a strong showing in two others. It is a two-row barley of medium-short height, has medium straw strength and early relative maturity.

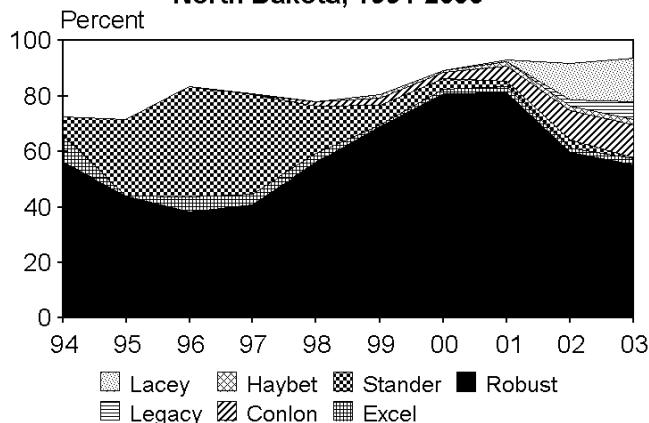
Feeding Varieties

FHaybet was the most popular feed variety in 2003, fifth overall. About 43,000 acres were planted this year, mostly in the west central and south west districts. Haybet is a two-row, hooded variety with white kernels extensively grown as a hay barley.

Stark moved back to the second most popular feed barley variety and ranked eighth overall. Just over 16,000 acres were planted this year. Stark was most popular in the southwest and south central districts. As a two-row variety, Stark is described as having medium-tall height, medium straw strength, and late relative maturity.

Bowman was the third most popular feed variety in 2003, ninth overall. Just over 12,000 acres were planted this year, mostly in the west central and south west districts. Bowman is a two-row barley variety that is described as having medium-short height, medium straw strength and early relative maturity.

**Barley
Select Varieties Planted
North Dakota, 1994-2003**

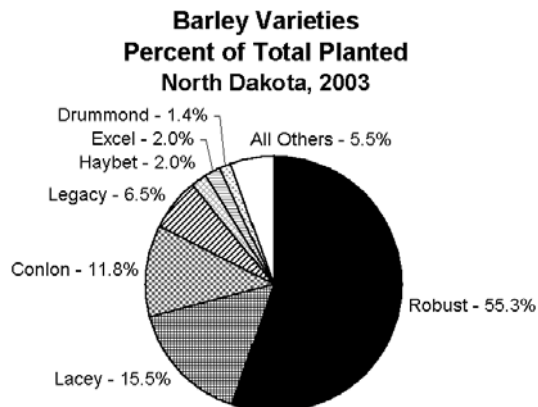


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BARLEY VARIETIES (Continued)



BARLEY ^{1/}
Percent of Acreage Planted, North Dakota, 1999-2003

Variety	1999	2000	2001	2002	2003	
					Pct.	Acres Planted
	----- Percent -----					1,000
Robust*	69.0	81.0	81.2	59.6	55.3	1,162.1
Lacey*	0.0	0.0	0.6	13.2	15.5	326.2
Conlon*	2.5	2.4	5.5	10.6	11.8	247.6
Legacy*	0.0	0.0	0.1	2.2	6.5	136.3
Haybet	1.2	0.6	1.6	1.9	2.0	43.0
Excel*	0.7	1.5	2.1	1.6	2.0	42.1
Drummond*	0.0	0.0	0.8	1.9	1.4	29.5
Stark	2.2	1.5	1.7	1.2	0.8	16.0
Bowman	2.3	1.2	1.6	1.8	0.6	12.1
Stander*	7.1	3.7	2.1	2.8	0.5	10.8
Logan	1.1	1.3	0.5	0.4	0.5	9.5
Morex*	2.0	2.1	1.5	0.8	0.3	6.5
Other ^{2/}	11.9	4.7	0.7	2.0	2.8	58.3
All Varieties	100.0	100.0	100.0	100.0	100.0	2,100.0

^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes other varieties not listed and unknown varieties. * Recommended for malting and brewing by the American Malting Barley Association, Inc.

BARLEY ^{1/}
Percent and Acreage Planted, North Dakota, 2003

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	----- Percent Planted -----									
Robust	49.5	48.3	62.6	43.9	71.4	59.5	8.4	57.8	75.0	55.3
Lacey	11.4	23.1	24.0	3.3	15.0	20.0	0.0	9.2	9.8	15.5
Conlon	22.5	17.2	3.5	5.4	2.1	2.2	42.4	17.1	5.7	11.8
Legacy	5.4	5.3	5.2	19.4	5.0	14.9	2.4	0.4	2.2	6.5
Haybet	1.7	0.0	0.0	8.3	0.3	0.1	21.9	1.2	0.0	2.0
Excel	3.6	0.7	1.5	8.4	0.0	0.0	1.8	2.1	2.0	2.0
Drummond	0.5	1.5	1.7	0.1	3.8	0.0	0.0	0.7	2.3	1.4
Stark	0.0	0.0	0.0	1.9	0.0	0.0	8.7	3.0	0.0	0.8
Bowman	0.3	0.0	0.0	0.6	0.3	0.0	3.8	3.6	0.0	0.6
Stander	2.3	0.2	0.0	0.0	0.1	0.6	0.0	0.5	0.3	0.5
Logan	0.0	0.0	0.0	0.4	0.0	0.0	7.3	1.3	0.0	0.5
Morex	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.2	0.7	0.3
Other ^{2/}	2.8	2.8	1.0	8.2	2.0	2.6	3.2	2.8	1.8	2.8
	----- 1,000 Acres -----									
Robust	163.5	193.2	225.4	76.8	214.2	95.2	7.6	92.4	93.8	1,162.1
Lacey	37.6	92.4	86.5	5.7	45.0	32.0	0.0	14.7	12.3	326.2
Conlon	74.2	68.8	12.6	9.5	6.3	3.5	38.2	27.4	7.1	247.6
Legacy	17.8	21.2	18.7	34.0	15.0	23.9	2.2	0.7	2.8	136.3
Haybet	5.6	0.0	0.0	14.6	0.9	0.2	19.7	2.0	0.0	43.0
Excel	11.8	2.8	5.4	14.7	0.0	0.0	1.6	3.3	2.5	42.1
Drummond	1.7	6.0	6.2	0.2	11.4	0.0	0.0	1.1	2.9	29.5
Stark	0.0	0.0	0.0	3.4	0.0	0.0	7.8	4.8	0.0	16.0
Bowman	0.9	0.0	0.0	1.1	0.9	0.0	3.4	5.8	0.0	12.1
Stander	7.5	0.8	0.0	0.0	0.3	1.0	0.0	0.8	0.4	10.8
Logan	0.1	0.0	0.0	0.7	0.0	0.0	6.6	2.1	0.0	9.5
Morex	0.0	3.6	1.6	0.0	0.0	0.0	0.0	0.4	0.9	6.5
Other ^{2/}	9.3	11.2	3.6	14.3	6.0	4.2	2.9	4.5	2.3	58.3
All Varieties	330.0	400.0	360.0	175.0	300.0	160.0	90.0	160.0	125.0	2,100.0

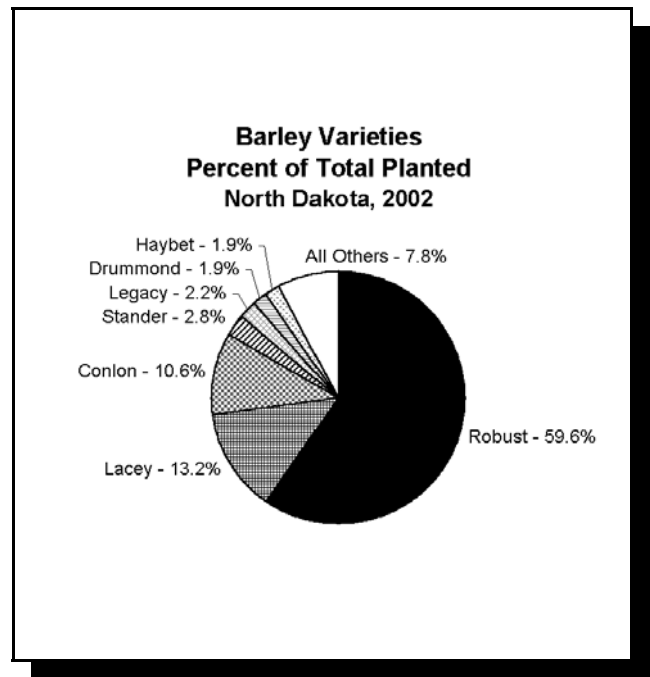
^{1/} Percentages may not add to 100 due to rounding. ^{2/} Other includes other varieties not listed and unknown varieties.

2002 BARLEY VARIETIES REVISED

BARLEY^{1/}
Percent of Acreage Planted, North Dakota, 1998-2002

Variety	1998	1999	2000	2001	2002	
					Pct.	Acres Planted
	----- Percent -----					1,000
Robust*	56.1	69.0	81.0	81.2	59.6	953.9
Lacey*	0.0	0.0	0.0	0.6	13.2	211.1
Conlon*	1.4	2.5	2.4	5.5	10.6	169.1
Stander*	17.3	7.1	3.7	2.1	2.8	45.0
Legacy*	0.0	0.0	0.0	0.1	2.2	35.1
Haybet	0.0	1.2	0.6	1.6	1.9	30.6
Drummond*	0.0	0.0	0.0	0.8	1.9	30.0
Bowman	2.4	2.3	1.2	1.6	1.8	28.0
Excel*	3.1	0.7	1.5	2.1	1.6	25.7
Stark	2.7	2.2	1.5	1.7	1.2	19.7
Morex*	1.7	2.0	2.1	1.5	0.8	13.2
Harrington*	0.0	0.0	0.0	0.0	0.6	8.8
Other ^{2/}	15.3	13.0	6.0	1.2	1.9	29.8
All Varieties	100.0	100.0	100.0	100.0	100.0	1,600.0

1/ Percentages may not add to 100 due to rounding. 2/ Other includes other varieties not listed and unknown varieties. * Recommended for malting and brewing by the American Malting Barley Association, Inc.



BARLEY^{1/}
Percent and Acreage Planted, North Dakota, 2002

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	----- Percent Planted -----									
Robust	49.8	55.7	71.8	58.5	71.3	58.5	7.9	65.2	77.1	59.6
Lacey	8.4	17.6	19.8	0.0	16.9	23.8	0.0	0.0	9.0	13.2
Conlon	13.7	18.7	2.5	9.0	0.0	2.7	41.8	15.2	3.6	10.6
Stander	10.0	4.5	1.2	0.0	0.9	1.5	0.0	0.0	0.0	2.8
Legacy	2.0	0.9	1.0	9.3	0.0	5.3	7.2	0.0	0.0	2.2
Haybet	6.2	1.9	0.6	0.0	2.4	0.0	0.0	0.6	2.0	1.9
Drummond	2.2	0.0	0.0	6.8	0.5	0.0	10.5	5.3	2.0	1.9
Bowman	0.0	0.0	0.0	10.9	0.0	0.0	14.6	0.0	2.1	1.8
Excel	2.6	0.0	2.0	0.0	2.4	5.8	0.0	0.0	1.0	1.6
Stark	0.3	0.0	0.0	1.8	0.5	0.0	8.5	8.4	0.0	1.2
Morex	1.9	0.0	0.6	0.0	1.8	0.0	0.0	0.9	2.4	0.8
Harrington	2.1	0.0	0.0	2.0	0.0	0.0	0.0	1.4	0.0	0.6
Other ^{2/}	0.7	0.8	0.4	1.8	3.3	2.4	9.6	3.0	0.8	1.9
	----- 1,000 Acres -----									
Robust	114.6	183.9	208.1	73.1	156.9	76.0	6.7	65.2	69.4	953.9
Lacey	19.4	58.0	57.5	0.0	37.1	31.0	0.0	0.0	8.1	211.1
Conlon	31.5	61.8	7.2	11.2	0.0	3.5	35.5	15.2	3.2	169.1
Stander	22.9	14.7	3.5	0.0	2.0	1.9	0.0	0.0	0.0	45.0
Legacy	4.6	2.9	3.0	11.6	0.0	6.9	6.1	0.0	0.0	35.1
Haybet	5.0	0.0	0.0	8.5	1.1	0.0	8.9	5.3	1.8	30.6
Drummond	14.3	6.2	1.8	0.0	5.3	0.0	0.0	0.6	1.8	30.0
Bowman	0.1	0.0	0.0	13.6	0.0	0.0	12.4	0.0	1.9	28.0
Excel	6.0	0.0	5.9	0.0	5.3	7.6	0.0	0.0	0.9	25.7
Stark	0.8	0.0	0.0	2.2	1.1	0.0	7.2	8.4	0.0	19.7
Morex	4.3	0.0	1.8	0.0	4.0	0.0	0.0	0.9	2.2	13.2
Harrington	4.9	0.0	0.0	2.5	0.0	0.0	0.0	1.4	0.0	8.8
Other ^{2/}	1.6	2.5	1.2	2.3	7.2	3.1	8.2	3.0	0.7	29.8
All Varieties	230.0	330.0	290.0	125.0	220.0	130.0	85.0	100.0	90.0	1,600.0

1/ Percentages may not add to 100 due to rounding. 2/ Other includes other varieties not listed and unknown varieties.



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